

WHAT IS CLAIMED IS:

Sub B¹ 1. An information processing apparatus comprising:
a motion detector for detecting a motion-related signal,
which is information relating to motion, in accordance with
an image signal; and
a generator for generating a motion control signal in
accordance with said motion-related signal.

2. An information processing apparatus according to
claim 1, wherein said motion detector detects a motion
vector as said motion-related signal.

3. An information processing apparatus according to
claim 2, wherein said motion detector detects one motion
vector for each block composed of a plurality of pixels at a
predetermined position within a frame.

Sub B² 4. An information processing apparatus according to
claim 2, wherein said generator generates, as said motion
control signal, a horizontal component, a vertical component,
a magnification component, and a rotation component in
accordance with said motion vector.

5. An information processing apparatus according to

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claim 1, further comprising a driving device for driving an object in accordance with said motion control signal.

Sub B³ 6. An information processing apparatus according to claim 5, wherein a chair is provided as said object, and said driving device comprises an actuator for moving said chair.

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7. An information processing apparatus according to claim 6, further comprising a display device for displaying said image signal.

8. An information processing apparatus according to claim 1, wherein said motion control signal contains a plurality of components.

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9. An information processing apparatus according to claim 1, wherein said motion detector detects said motion-related signal in accordance with a signal in a predetermined portion of the frame for said image signal.

Sub B⁴ 10. An information processing method comprising the steps of:

detecting a motion-related signal, which is information relating to motion, in accordance with an image signal; and

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generating a motion control signal in accordance with said motion-related signal.

11. An information processing method according to claim 10, wherein, in said motion detecting step, a motion vector is detected as said motion-related signal.

12. An information processing method according to claim 11, wherein, in said motion detecting step, one motion vector is detected for each block composed of a plurality of pixels at a predetermined position within a frame.

Sub B5 → 13. An information processing method according to claim 11, wherein, in said generating step, as said motion control signal, a horizontal component, a vertical component, a magnification component, and a rotation component are detected in accordance with said motion vector.

14. An information processing method according to claim 10, further comprising a driving step for driving an object in accordance with said motion control signal.

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15. An information processing method according to claim 10, wherein said motion control signal contains a plurality of components.

16. An information processing method according to claim 10, wherein, in said motion detecting step, said motion-related signal is detected in accordance with a signal in a predetermined portion of the frame for said image signal.

Sub B6 > 17. A storage medium storing a computer-controllable program, said program comprising the steps of:
detecting a motion-related signal, which is information relating to motion, in accordance with an image signal; and
generating a motion control signal in accordance with said motion-related signal.

18. A storage medium according to claim 17, wherein, in said motion detecting step, a motion vector is detected as said motion-related signal.

19. A storage medium according to claim 18, wherein, in said motion detecting step, one motion vector is detected for each block composed of a plurality of pixels at a predetermined position within a frame.

Sub B7 > 20. A storage medium according to claim 18, wherein, in said generating step, as said motion control signal, a

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horizontal component, a vertical component, a magnification component, and a rotation component are detected in accordance with said motion vector.

21. A storage medium according to claim 17, said program further comprising a driving step for driving an object in accordance with said motion control signal.

22. A storage medium according to claim 17, wherein said motion control signal contains a plurality of components.

23. A storage medium according to claim 17, wherein, in said motion detecting step, said motion-related signal is detected in accordance with a signal in a predetermined portion of the frame for said image signal.